

INTERNATIONAL SEARCH REPORT

national Application No
T/GB2004/001561

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F02M25/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F02M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 382 189 A (WILSON JOHN B) 3 May 1983 (1983-05-03) column 2, line 17 - line 23 column 2, line 29 - line 37; figure 1	1,2,5, 15,20, 21,25, 27-29
X A	GB 1 561 212 A (TALENTI P) 13 February 1980 (1980-02-13) page 2, line 83 - line 104 page 3, line 96 - line 100	27-29 1,20
X A	DE 30 17 218 A (GAIL JOSEF) 12 November 1981 (1981-11-12) the whole document	27-29 1,20
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

A document member of the same patent family

Date of the actual completion of the international search

2 September 2004

Date of mailing of the international search report

09/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Raposo, J

INTERNATIONAL SEARCH REPORT

International Application No
P/GB2004/001561

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2 565 068 A (WALTER DRABOLD) 21 August 1951 (1951-08-21)	27-29
A	the whole document	1,20
X	WO 01/31188 A (BALAN GABI ; ENVIRONMENTAL APPLIC RES TECHN (CA); SOUZA MARIO P DE (CA) 3 May 2001 (2001-05-03)	27-29
A	page 2, line 35 - page 3, line 11	1,20
X	US 4 111 160 A (TALENTI PIER F) 5 September 1978 (1978-09-05)	27-29
A	column 3, line 29 - line 34 column 4, line 34 - line 40 column 3, line 66 - line 68	1,20
X	DE 90 16 065 U (MEINHARD, WOLFGANG) 18 April 1991 (1991-04-18)	27-29
A	page 49, line 1 - line 29 page 1, line 1 - page 2, line 7	1,20
X	WO 00/53918 A (HYDROGEN TECH LTD ; SPIROS SPIRO ROSS (AU)) 14 September 2000 (2000-09-14)	27-29
A	the whole document	1,20

INTERNATIONAL SEARCH REPORT

national Application No
T/GB2004/001561

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4382189	A	03-05-1983	AU 8322782 A CA 1165695 A1	11-11-1982 17-04-1984
GB 1561212	A	13-02-1980	CH 596444 A5 CA 1098482 A1 DE 2700106 A1 FR 2338394 A1 IT 1109452 B JP 52115922 A	15-03-1978 31-03-1981 28-07-1977 12-08-1977 16-12-1985 28-09-1977
DE 3017218	A	12-11-1981	DE 3017218 A1	12-11-1981
US 2565068	A	21-08-1951	NONE	
WO 0131188	A	03-05-2001	CA 2287270 A1 AU 1121901 A WO 0131188 A1 US 6332434 B1	25-04-2001 08-05-2001 03-05-2001 25-12-2001
US 4111160	A	05-09-1978	NONE	
DE 9016065	U	18-04-1991	DE 9016065 U1 DE 4037541 A1	18-04-1991 27-06-1991
WO 0053918	A	14-09-2000	WO 0053918 A1 AU 2897000 A	14-09-2000 28-09-2000